



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Ranatunge et al**

Application No: **10/608,333**

Group Art Unit: **1626**

Filed: **June 30, 2003**

Examiner: **T.A. Solola**

For: **Oxime and/or Hydrozone containing Nitrosated and/or Nitrosylated Cyclooxygenase-2 Inhibitors, Compositions and Methods of Uses**

Attorney Docket No: **102258.153 US1**

Commissioner of Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C. F. R. §§1.56, 1.97 and 1.98, Applicants bring to the attention of the Examiner the documents listed on the attached PTO-1449 Form.

Applicants are providing a copy of all the cited references except for the US patents and US published patent applications.

The submission of this Information Disclosure Statement does not represent that a search has been made and does not constitute an admission that the listed documents are material to patentability or that the listed documents are prior art.

This Information Disclosure Statement is being filed after the mailing date of a first office action on the merits and before a notice of allowance. Accordingly, the Commissioner is authorized to charge the fee of \$180 to Deposit Account No. 08-0219. The Commissioner is authorized to charge any other necessary fees or credit any overpayments to Deposit Account No. 08-0219.

Applicants respectfully request that the Examiner initial and return a copy of the enclosed PTO-1449 form with the next communication from the Patent Office.

05/19/2005 HALI11 00000128 080219 10608333
01 FC:1806 180.00 DA

Respectfully submitted

Edward D. Grief
Registration No. 38,898

Date: May 18, 2005
Wilmer Cutler Pickering Hale and Dorr LLP
1455 Pennsylvania Avenue, NW
Washington, DC 20004
Phone: (202) 942-8453

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 6

Complete if Known

Application Number	10/608,333
Filing Date	June 30, 2003
First Named Inventor	Ranatunge
Group Art Unit	1626
Examiner Name	T.A. Solola
Attorney Docket Number	102258.153 US1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		5,409,944		Black et al	05-25-1995	
		5,436,265		Black et al	07-25-1995	
		5,474,995		Ducharme et al	12-12-1995	
		5,510,368		Lau et al	04-23-1996	
		5,536,752		Ducharme et al	07-16-1996	
		5,604,253		Lau et al	02-18-1997	
		5,604,260		Guay et al	02-18-1997	
		5,616,601		Khanna et al	04-01-1997	
		5,621,000		Arena et al	04-15-1997	
		5,620,999		Weier et al	04-15-1997	
		5,639,780		Lau et al	06-17-1997	
		5,677,318		Lau	10-14-1997	
		5,681,842		Dellarai et al	10-28-1997	
		5,550,142		Ducharme et al	08-27-1996	
		5,698,584		Black et al	12-16-1997	
		5,700,947		Del Soldato	12-23-1997	
		5,703,073		Garvey et al	12-30-1997	
		5,710,140		Durcharme et al	01-20-1998	
		5,733,909		Black et al	03-31-1998	
		5,750,558		Brooks et al	05-12-1998	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		EP	0 745 596		Haruta et al	12-04-1996		
		EP	0 863 134		Black et al	09-09-1998		
		WO	94/15932		Bertenshaw et al	07-21-1994		
		WO	94/27980		Norman et al	12-08-1994		
		WO	95/15316		Talley et al	06-08-1995		
		WO	96/25405		Rogers	08-22-1996		
		WO	96/31509		Beswick et al	10-10-1996		
		WO	97/03953		Blaschke et al	02-06-1997		
		WO	97/34882		Puig Duran et al	09-25-1997		
		WO	95/00501		Ducharme et al	01-05-1995		

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
	Application Number	10/608,333			
	Filing Date	June 30, 2003			
	First Named Inventor	Ranatunge			
	Group Art Unit	1626			
	Examiner Name	T.A. Solola			
Sheet	2	of	6	Attorney Docket Number	102258.153 US1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		5,756,531		Brooks et al	05-26-1998	
		5,776,967		Kreft et al	07-07-1998	
		5,776,984		Dellaria et al	07-07-1998	
		5,780,495		Del Soldato	07-14-1998	
		5,801,873		Nicolai	09-15-1998	
		5,824,699		Kreft et al	10-20-1998	
		5,830,911		Failli et al	11-03-1998	
		5,849,943		Atkinson et al	12-15-1998	
		5,859,257		Talley	01-12-1997	
		5,861,419		Dube et al	01-19-1999	
		5,861,426		Del Soldato et al	01-19-1999	
		5,908,858		Kimura et al	06-01-1999	
		5,945,539		Haruta et al	08-31-1999	
		5,968,958		Guay et al	10-19-1999	
		5,994,381		Haruta et al	11-30-1999	
		6,040,341		Del Soldato et al	03-21-2000	
		6,043,233		Garvey et al	03-28-2000	
		6,048,858		Garvey et al	04-11-2000	
		6,051,588		Garvey et al	04-18-2000	
		6,057,347		Garvey et al	05-02-2000	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		WO	97/38986	/	Talley et al	10-23-1997		
		WO	97/40012	/	Black et al	10-30-1997		
		WO	98/21195	/	Failli	05-22-1998		
		WO	98/47871	/	Pye et al	10-29-1998		
		WO	98/47890	/	Carter et al	10-29-1998		
		WO	99/10331	/	Black et al	03-04-1999		
		WO	99/10332		Black et al	03-04-1999		
		WO	99/12930		Beswick et al	03-18-1999		
		WO	99/14194		Friesen et al	03-25-1999		
		WO	99/14195		Friesen et al	03-25-1999		

Examiner Signature	Date Considered
---------------------------	------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/608,333	
			Filing Date	June 30,2003	
			First Named Inventor	Ranatunge	
			Group Art Unit	1626	
			Examiner Name	T.A. Solola	
Sheet	3	of	6	Attorney Docket Number	102258.153 US1

[illegible]

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		WO	94/04484		Matji et al	03-03-1994		
		WO	94/12463		Arena	06-09-1004		
		WO	95/09831		Del Soldato	04-13-1995		
		WO	95/30641		Del Soldato	11-16-1995		
		WO	96/32946		Garvey et al	10-24-1996		
		WO	97/31654		Del Soldato	09-04-1997		
		WO	98/09948		Del Soldato	03-12-1998		
		WO	99/45004		Del Soldato	09-10-1999		
		WO	00/06585		Del soldato	02-10-2000		
		WO	00/25776		Bandarage et al	05-11-2000		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.





U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/608,333
				Filing Date	June 30,2003
				First Named Inventor	Ranatunge
				Group Art Unit	1626
				Examiner Name	T.A. Solola
				Attorney Docket Number	102258.153 US1
Sheet	4	of	6		

[illegible]

FOREIGN PATENT DOCUMENTS							
Examiner Initials ²	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		Office ³	Number ⁴ Kind Code ⁵ (if known)				
		WO	00/44705		Del Soldato et al	08-03-2000	
		WO	00/51988		Benedini et al	09-08-2000	
		WO	00/72838		Eek et al	12-07-2000	
		WO	00/61537		Del Soldato	10-19-2000	
		WO	00/61541		Del Soldato	10-19-2000	
		WO	00/61549		Del Soldato	10-19-2000	
		WO	00/61604		Del Soldato	10-19-2000	
		WO	99/44585		Del Soldato	09-10-1999	
		WO	04/000300		Del Soldato et al	12-31-2003	
		WO	04/000781		Del Soldato et al	12-31-2003	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



+

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/608,333
				Filing Date	June 30, 2003
				First Named Inventor	Ranatunge
				Group Art Unit	1626
				Examiner Name	T.A. Solola
				Attorney Docket Number	102258.153 US1
Sheet	5	of	6		

[illegible][illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/608,333
		Filing Date	June 30, 2003
		First Named Inventor	Ranatunge
		Group Art Unit	1626
		Examiner Name	T.A. Solola
Sheet 6	of 6	Attorney Docket Number	102258.153 US1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Freston, The American Journal of Medicine, 107 (6A): 78S-89S (1999)	
		Naesdal et al., European Journal Gastroenterology & Hepatology, 13(12): 1401-1406 (2001)	
		International Search Report from International Application No. PCT/US03/20421.	
		Database CAPLUS on STN, Acc. No. 1997:527369, from Emam, Phosphorous, Sulfur and Silicon and the Related Elements, 119:249-256 (1996).	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.